



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera

Curv-A-Tech Corporation
930 West 23rd Street
Hialeah, FL 33010

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "940" Aluminum Horizontal Rolling Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W07-59**, titled "Series-940 Alum. Horizontal Rolling Wdw. (L.M.I.)", sheets 1 through 4 of 4, dated 08/06/07, with revision A dated 02/27/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA **revises and renews NOA# 07-0813.08** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
7/12/12

NOA No. 12-0416.11
Expiration Date: September 27, 2017
Approval Date: July 19, 2012
Page 1

Curv-A-Tech Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W07-59**, Sheets 1 through 4 of 4, titled "Series-940 Alum. Horizontal Rolling Wdw. (L.M.I.)", dated 08/06/07, with revision A dated 02/27/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5262**, dated 07/14/07, signed and sealed by Carlos S. Rionda, P.E.
(Submitted under previous NOA# 07-0813.08)

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 08/01/07, signed and sealed by Humayoun Farooq, P.E.
(Submitted under previous NOA# 07-0813.08)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0325.05** issued to **Solutia, Inc.** for their "**Saflex and Vanceva clear and color interlayers**" dated 05/05/11, expiring on 05/21/16
2. Notice of Acceptance No. **08-0709.04** issued to **Glasslam N.G.I., Inc.** for their "**Safety-Plus II Laminated Glass**" dated 09/11/08, expiring on 08/07/13.
3. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.


Manuel Perez, P.E.
Product Control Examiner
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F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated March 06, 2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letter for Test Report No. **FTL-5262**, issued by Fenestration Testing Laboratory, Inc., dated 07/17/07, signed and sealed by Carlos S. Rionda, P.E. *(Submitted under previous NOA# 07-0813.08)*

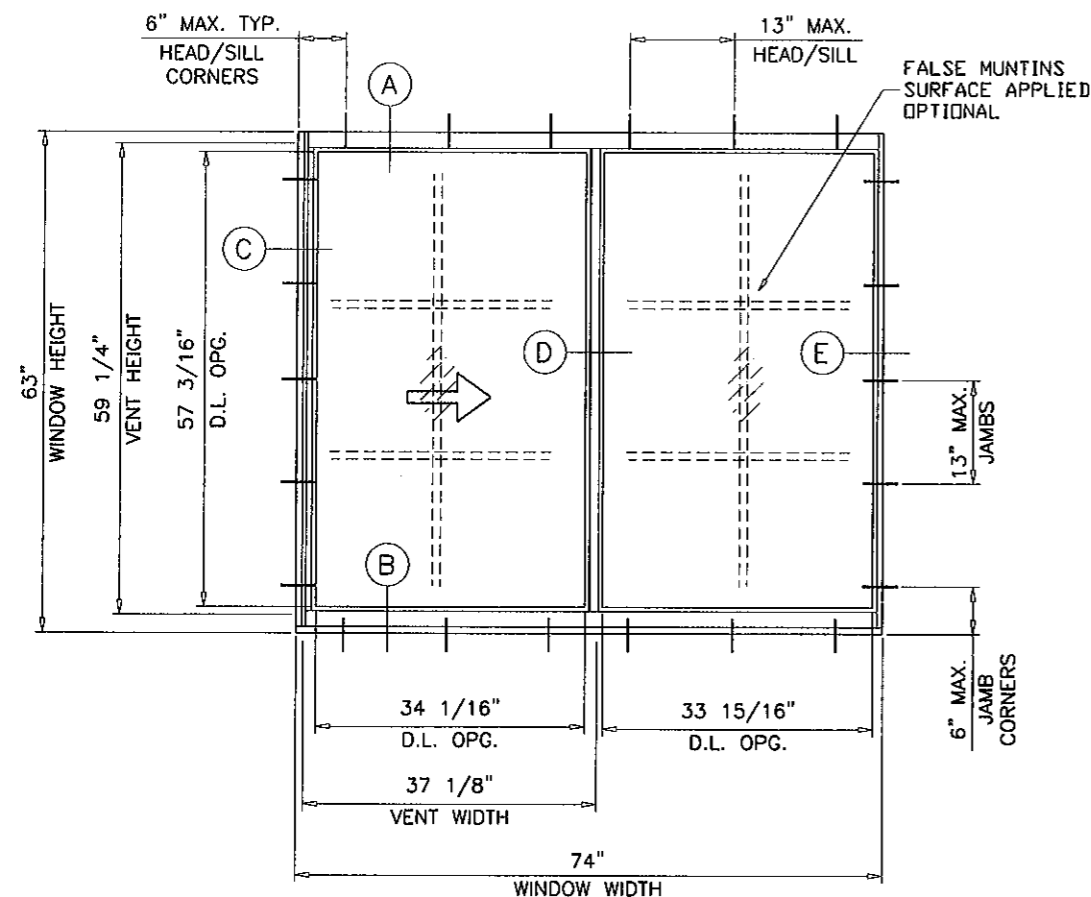
G. OTHER

1. Notice of Acceptance No. **07-0813.08**, issued to Curv-A-Tech Corporation for their Series 940 Aluminum Horizontal Sliding Window – L.M.I., approved on 09/27/07 and expiring on 09/27/12.



Manuel Perez, P.E.
Product Control Examiner
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TYPICAL ELEVATION
TESTED UNIT

SERIES-940

ALUMINUM HORIZONTAL SLIDING WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

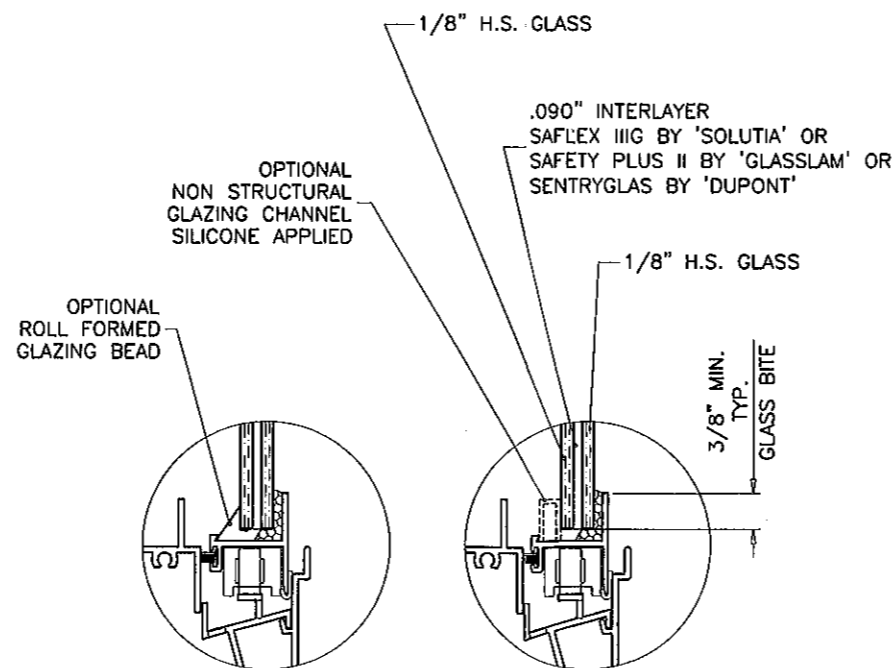
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



GLAZING DETAIL

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

DESIGN LOAD CAPACITY -- PSF (XO OR OX SIZES)					
WINDOW DIMS.		WITHOUT SHEAR CLIP		WITH SHEAR CLIP	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26"	70.0	70.0	70.0	70.0
37"		70.0	70.0	70.0	70.0
53-1/8"		70.0	70.0	70.0	70.0
74"		70.0	70.0	70.0	70.0
26-1/2"	38-3/8"	70.0	70.0	70.0	70.0
37"		70.0	70.0	70.0	70.0
53-1/8"		70.0	70.0	70.0	70.0
74"		70.0	70.0	70.0	70.0
26-1/2"	50-5/8"	70.0	70.0	70.0	70.0
37"		70.0	70.0	70.0	70.0
53-1/8"		68.7	68.7	70.0	70.0
74"		58.7	58.7	70.0	70.0
26-1/2"	63"	70.0	70.0	70.0	70.0
37"		65.5	65.5	70.0	70.0
53-1/8"		49.7	49.7	70.0	70.0
74"		40.4	40.4	70.0	70.0
24"	24"	70.0	70.0	70.0	70.0
36"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0
72"	36"	70.0	70.0	70.0	70.0
36"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0
72"	48"	70.0	70.0	70.0	70.0
36"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0
72"	60"	65.4	65.4	70.0	70.0
36"		70.0	70.0	70.0	70.0
48"		57.2	57.2	70.0	70.0
60"		49.2	49.2	70.0	70.0
72"	72"	44.3	44.3	70.0	70.0

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0416-11
Expiration Date SEPT 21, 2017
By *Waleed Bess*
Miami Dade Product Control

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MAR 09 2012

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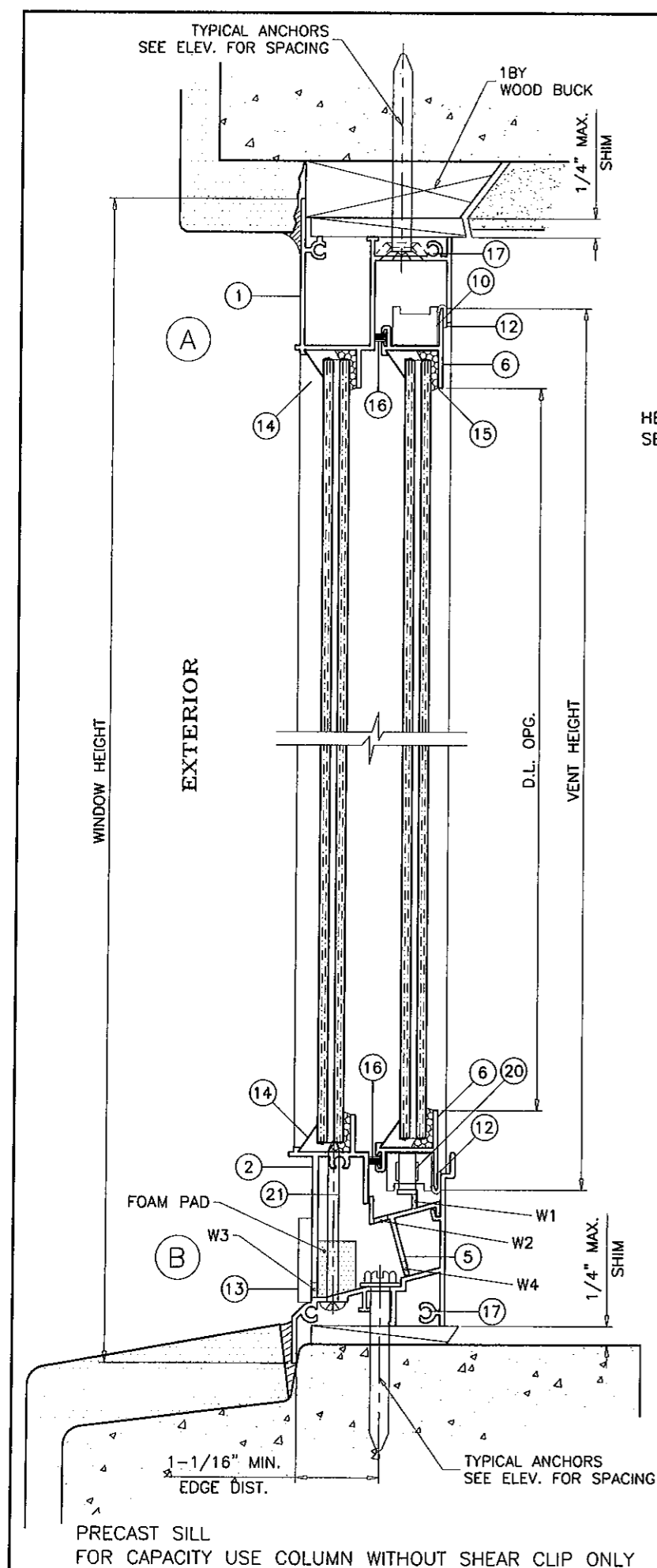
AL-FAROOQ CORPORATION
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1235 S.W. 87 AVE
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SERIES-940 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)
CURV-A-TECH CORPORATION
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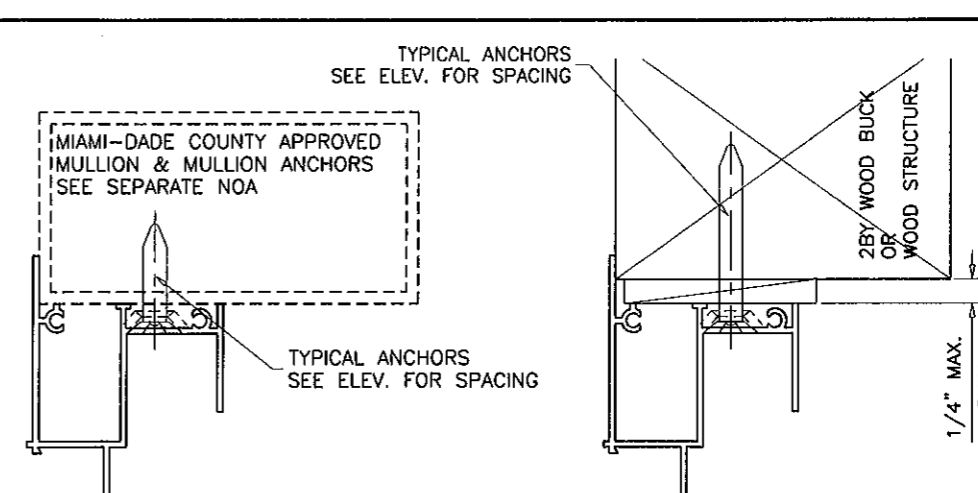
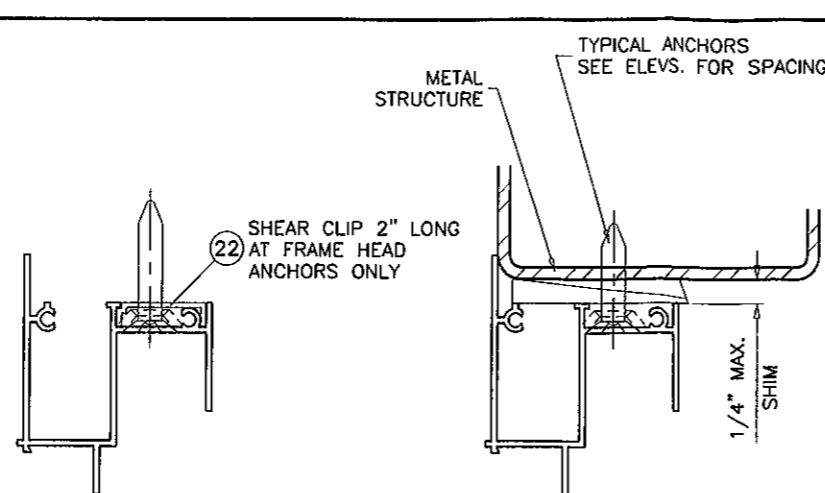
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chk. by:

drawing no.
W07-59
sheet 1 of 4



HEAD ANCHORS WITH SHEAR CLIPS
SEE SHEET 1 FOR CAPACITY



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. ($F_y = 36$ KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")

(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 1-3/4" MIN. (EXCEPT AT PRECAST SILL)

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 1/2" MIN.

SEALANTS:

ALL FRAME CORNERS, FIXED MEETING RAIL AT EACH END, INSTALLATION SCREWS IN SILL AND JAMBS SEALED WITH ALUM COLORED SEALANT.

WEEPHOLES:

W1 - 3/8" NOTCH IN LEG AT EACH END

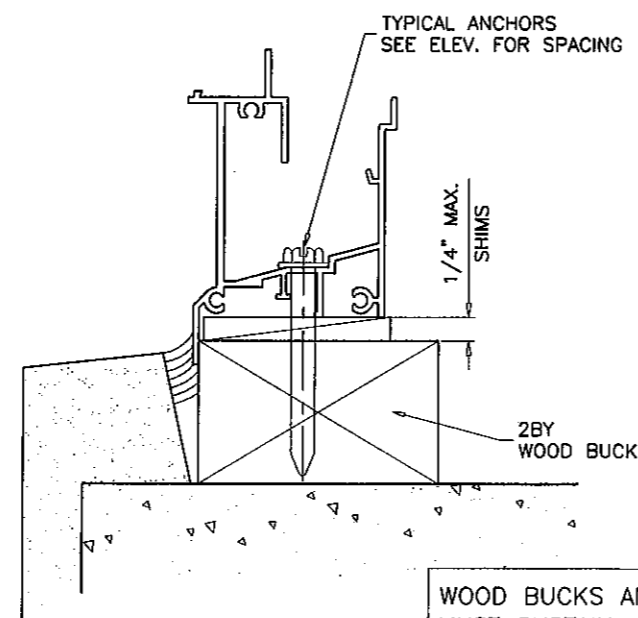
W2 - 3/16" X 2" NOTCH 4 PER SILL

W3 - 3/16" X 2" NOTCH 3 AT XO & OX SIZES

OPEN CELL FOAM PAD (1/2" X 3/4" X 3-1/4") AT EACH W3

W4 - 1/2" X 1/8" NOTCH AT SILL TRACK

AT 1-1/4" FROM EACH END (XO OR OX SIZES)



WOOD BUCKS AND METAL STRUCTURES NOT BY CURV-A-TECH
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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By *Manuel Perez*
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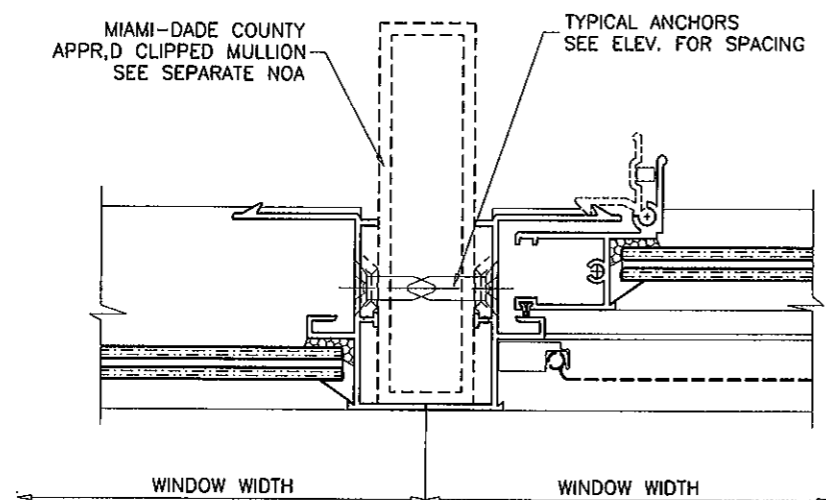
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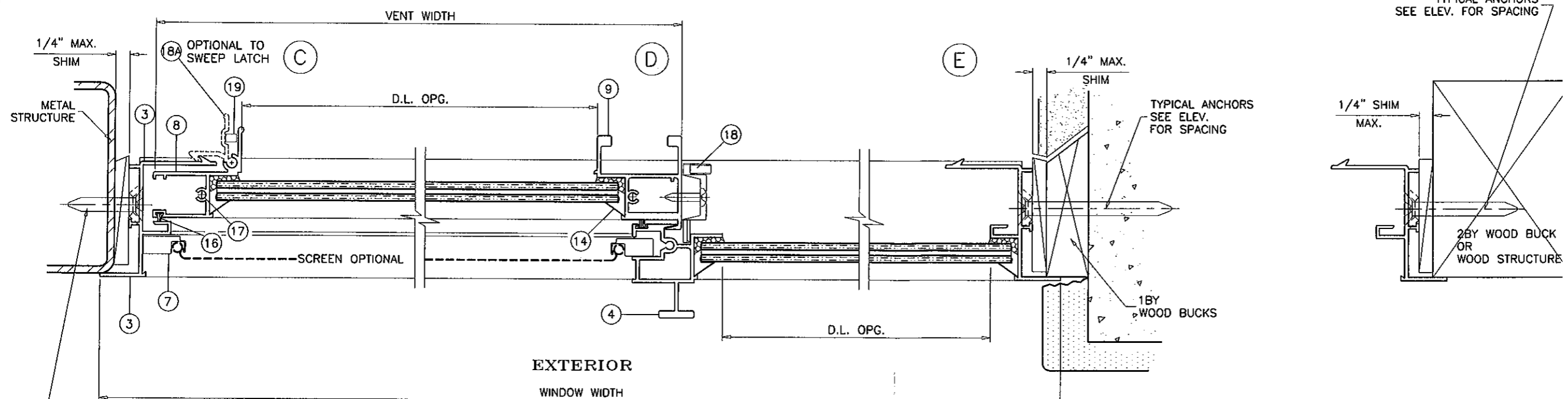
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chk. by:	

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W07-59

sheet 2 of 4



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	10248	1	FRAME HEAD	6063-T6	-
2	10845	1	FRAME SILL	6063-T6	-
3	10847	2	FRAME JAMBS	6063-T6	-
4	11822	1/ VENT	H.D. FIXED MEETING RAIL	6063-T6	-
5	10846	1	SILL TRACK	6063-T5	-
6	10250	2/ VENT	VENT TOP/BOTTOM RAIL	6063-T6	-
7	-	1/ VENT	5/16" BOX SCREEN	-	-
8	10257	2/ VENT	VENT SIDE RAIL	6063-T6	-
9	11823	1/ VENT	H.D. VENT INTERLOCK RAIL	6063-T6	-
10	C-3055	4/ VENT	WHEEL HOUSING & GUIDE	NYLON	-
11	C-3056	2/ VENT	ROLLER PIN	ST. STEEL	-
12	C-3085	4/ VENT	VENT FACE GUIDE	NYLON	-
13	-	2/ WINDOW	WEEPHOLE HOUSING & FLAP	NYLON OR CELCON	-
14	-	AS REQD.	ROLL FORMED GLAZING BEAD	ALUMINUM	-
15	995	AS REQD.	GLAZING COMPOUND	SILICONE	DOW CORNING
16	7916-187	AS REQD.	FINSEAL WEATHER STRIP		
17	#8 X 1"	AS REQD.	ASSEMBLY SCREWS	-	PHP SMS
18	-	2/ VENT	SWEEP LATCH	ZAMAK	AT 7-1/4" FROM EACH END
18A	10255	2/ VENT	ALUMINUM VENT LATCH	6063-T6	-
19	C-3081	4	LATCH SPRING CLIP	ST. STEEL	-
20	C-3057	3/ VENT	BRASS ROLLER		
21	#8 X 3"	1/ VENT	FIX. RAIL BOTTOM SCREW	-	-
22	-	AS REQD.	SHEAR CLIP	6063-T6	2" LONG



XO LAYOUT
OX OPPOSITE

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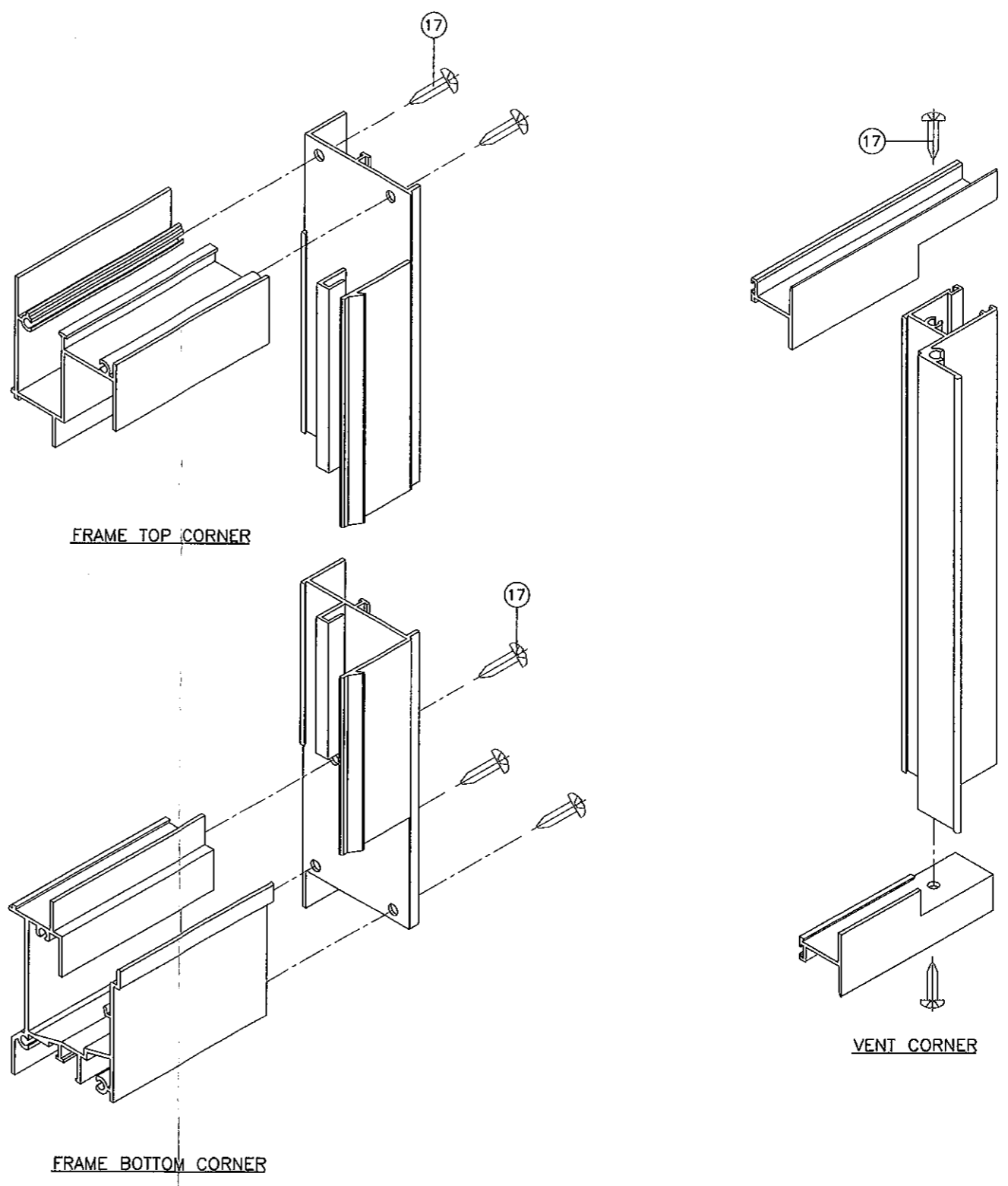
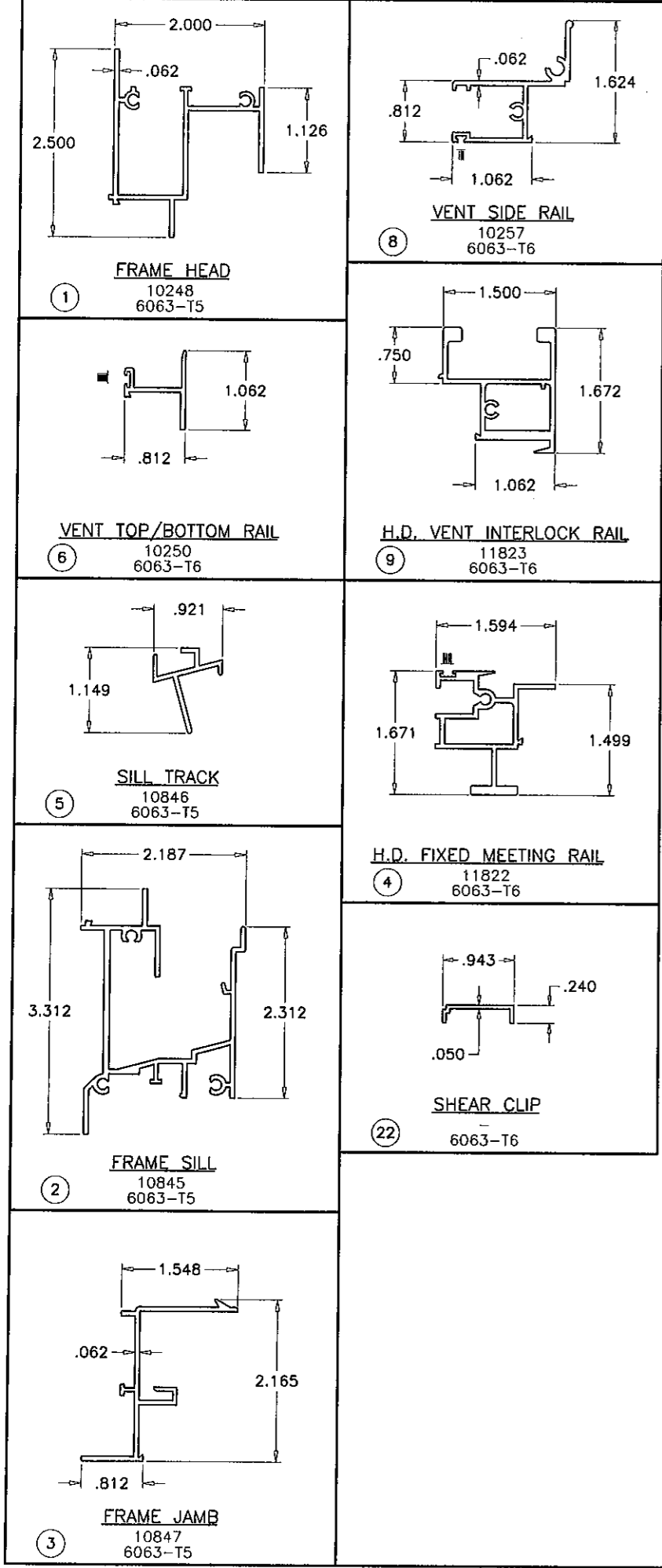
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[Signature]

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By *[Signature]*
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Revisions:		date	by	description
no	date	by	description	
A	02.27.12			NO CHANGE THIS SHEET

date: 08-06-07	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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sheet 4 of 4			